

34 and 35. Additional features in the plastics extrusion 70 include a hinge and torsion bar keyway (not shown) for mounting purposes. Extrusion profile 70 may also include perforations 46 located between the mounting surfaces as described in Fig. 4 for communicating with cavities defined by inner wall 72.

Change(s) applied
to document, below:

Please amend the paragraph (section) beginning on page 12, at line ⁷~~10~~ as shown

/S.Y.B./
6/22/2011

FIG. 9 shows a half section of the door panel 70 of FIG. 8 constructed in accordance with the invention and with corresponding numbering. Panel 70 is shown including a magnetic flexible gasket ~~[[83]]~~ 44 inserted into the gasket retaining groove 84 providing an airtight seal between the insulated glass door and the door fascia of the refrigerator/freezer unit 85.

Amendments to the Specification:

Please amend the paragraph (section) beginning on page 10, at line 9 as shown below:

FIG. 4 is a cross sectional diagram of a frame extrusion 40 for an insulated glass door according to one embodiment. The air and/or argon gas is inserted via latex valves (not shown) located in a horizontal door-frame formed by extrusion 40. Desiccant chambers 41 and 42, formed in the plastics extrusion 40, are filled with desiccant moisture absorption granules in the vertical frame sections and sealed using plastic caps (see FIG. 3) prior to welding. The extrusion 40 may have perforations 46 located between its mounting surfaces such that desiccant chambers 41 and 42 are in communication with internal spaces formed between the panes and insulating member, such that the perforations allow for the absorption of moisture only from an apposing enclosed space.

Change(s) applied
to document, below:
/S.Y.B./
6/22/2011

Please amend the paragraph (section) beginning on page 11, at line ²⁰~~28~~ as shown

FIG. 8 shows an enlarged cross sectional view of an abbreviated frame extrusion 70 used in a door-frame according to one embodiment. Frame extrusion 70, which is preferably manufactured from thermal plastics, comprises an outer wall 71 and inner wall 72. Inner wall 72 defines internal spaces ~~73 and 74~~ 34 and 35. Frame extrusion profile 70 provides an outer panel structure which may be a window, door or the like. The plastics frame extrusion 70 is cut and welded to suit its particular application and in a preferred embodiment is adapted as a fridge or freezer door. Panes ~~77 and 79~~ 28 and 29 are preferably manufactured from glass and are mounted on the respective mounting surfaces ~~80, and 82~~ 56 and 54. Also fitted to extrusion 70 via surface ~~[[81]]~~ 55 is a clear rigid thermal plastics insulating member ~~[[78]]~~ 33 mounted intermediate glass panes ~~77 and 79~~ 28 and 29. Glass panes ~~77 and 79~~ 28 and 29 and insulating member ~~[[78]]~~ 33 are attached to their respective mounting surfaces ~~80, 82 and 81~~ 56, 54, and 55 using a suitable rigid sealing adhesive. Glass panes ~~77 and 79~~ 28 and 29 and plastics insulating member ~~[[78]]~~ 33 are spaced to provide optimum insulation with air and/or argon gas filled cavities ~~73 and 74~~